| Ref<br># | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|---|---|---------------------|---------|------------------|
| L1       | 377  | catalyst and "self cleaning" and combust\$5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/12/12 03:21 |
| L2       | 2    | glass and catalyst and "self<br>cleaning" and "observation<br>window"               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/12/12 03:07 |
| 13       | 251  | L1 and (quartz zirconia zirconium silica silicon alumina aluminum titanium titania) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/12/12 03:07 |
| L4       | 89   | L3 and contaminant  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/12/12 03:08 |
| L5       | 65   | L4 and (window view observation)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/12/12 03:08 |
| L6       | 44   | catalyst and "self cleaning" and combust\$5 and zeolite                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/12/12 03:24 |
| L7       | 6    | L6 and window   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/12/12 03:31 |
| L8       | 45   | zeolite and window and<br>"self-cleaning" and glass                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/12/12 03:31 |

| L9  | 39     | L8 not L7  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/12 04:31 |
|-----|--------|--|---|----|-----|------------------|
| L10 | 10592  | "428/432,433,434,697,698,699,<br>701,702.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/12 04:37 |
| L11 | 122388 | "252"/\$.ccls.                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/12 04:37 |
| L12 | 712    | L10 and L11                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/12 04:37 |
| L13 | 1      | L12 and "self cleaning" and (layer film coating) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/12 04:47 |
| L14 | 711    | L12 not L13                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON. | 2005/12/12 04:47 |
| L15 | 53     | L14 and window                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/12 04:47 |
| L16 | 53     | L15 not L9                                       | US-PGPUB;<br>USPAT;<br>USOGR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/12 04:47 |

| L17 | 0 | L16 and "self cleaning"            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 04:48 |
|-----|---|------------------------------------|---|----|----|------------------|
| L18 | 0 | L17 and cataly\$5                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 04:48 |
| L19 | 0 | L17 and (catalyst catalytic)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 04:48 |
| L20 | 0 | L17 and observation and combustion | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 04:49 |
| L21 | 0 | L17 and observation                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 04:49 |
| S1  | 0 | kass-michael-d.in.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 03:03 |
| S2  | 0 | partridge-jr-william-p.in.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/14 15:28 |
| S3  | 7 | kass-michael-\$.in.                | US-PGPUB;<br>USPAT;<br>USOGR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/14 15:31 |

| 54        | 0   | partridge-william-p-jr.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/14 15:29 |
|-----------|-----|---|---|----|----|------------------|
| S5        | 334 | "united states department of energy".as:  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/14 15:32 |
| S6        | 0   | "us department of energy".as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/14 15:33 |
| S7        | 0   | S5 and self and clean\$4 and photocataly\$6   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/14 16:17 |
| <b>58</b> | 1   | S5 and clean\$4 and photocataly\$6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/14 16:17 |
| S9        | 280 | glass and self and clean\$4 and photocataly\$6 and window                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/14 16:17 |
| S10       | 261 | S9 and (quartz zirconia zirconium<br>silica silicon alumina aluminum<br>titanium titania) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/12 03:07 |
| S11       | 260 | S10 and (layer film coating)  | US-PGPUB;<br>USPAT;<br>USOGR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/14 16:18 |

| S12 | 0   | S10 and combust%5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/11/14 16:19 |
|-----|-----|---|---|------|----|------------------|
| S13 | 51  | S10 and combust\$5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/12/12:03:04 |
| S14 | 42  | S11 and zeolite   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/11/14 17:23 |
| S15 | 238 | S9 not S14  | US-PGPUB;<br>USPAT;<br>USOGR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/11/14 17:23 |
| S16 | 11  | S15 and soot and view\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/11/15 10:47 |
| S17 | 282 | glass and self and clean\$4 and photocataly\$6 and window                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/11/15 11:14 |
| S18 | 263 | S17 and (quartz zirconia zirconium silica silicon alumina aluminum titania) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON | 2005/11/15 10:47 |
| S19 | 262 | S18 and (layer film coating)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/11/15 10:47 |

| S20 | 42  | S19 and zeolite                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 10:47 |
|-----|-----|-----------------------------------|---|----|----|------------------|
| S21 | 240 | S17 not S20                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 10:47 |
| S22 | 11  | S21 and soot and view\$4          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 10:47 |
| S23 | 229 | S21 not S22                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 10:48 |
| S24 | 38  | S23 and "electrically conductive" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 11:09 |
| S25 | 191 | S23 not S24                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 11:09 |
| S26 | 0   | S25 and "view window"             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 11:09 |
| S27 | 4   | 517 and "view window"             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 11:09 |

| S28 | 0    | glass and clean\$4 and<br>photocataly\$6 and "peep window"           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/15 11:14 |
|-----|------|--|---|----|-----|------------------|
| S29 | 2    | glass and clean\$4 and<br>photocataly\$6 and "observation<br>window" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/12 03:04 |
| S30 | 4    | glass and photocataly\$6 and<br>"observation window"                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/15 11:21 |
| S31 | 4    | S30 not S28  | US-PGPUB;<br>USPAT;<br>USOGR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/15 11:20 |
| S32 | 2    | glass and photocataly\$6 and<br>"oven window"                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/15 11:23 |
| S33 | 2    | ("6238630").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/15 11:28 |
| S34 |      | ("6324329").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/15 11:37 |
| S35 | 8384 | 428/426,432,701,702.ccls.  | US-PGPUB;<br>USPAT;<br>USOGR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/15 11:38 |

| S36 | 8328      | S35 not S17  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 11:38 |
|-----|-----------|--|---|----|----|------------------|
| S37 | 115       | S36 and photocataly\$6                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 11:39 |
| S38 | <b>59</b> | S37 and window   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 17:02 |
| S39 | 282       | glass and self and clean\$4 and<br>photocataly\$6 and window | US-PGPUB;<br>USPAT;<br>USOGR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 17:02 |
| S40 | 8384      | 428/426,432,701,702.ccls.                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 17:02 |
| S41 | 8328      | S40 not S39  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 17:02 |
| S42 | 115       | S41 and photocataly\$6                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 17:02 |
| S43 | 59        | S42 and window   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/15 17:02 |

| S44 | 13229 | "S53" not S43 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT; | OR | ON | 2005/11/15 17:02 |
|-----|-------|---------------|--|----|----|------------------|
|     | 56    |               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT; | OR | ON |                  |